

AMENDMENTS TO THE ABSTRACT

Delete the English Abstract and insert a new abstract as follows:

-- ABSTRACT

An electromotive soil cultivation appliance for cultivating soil in the fields of agriculture and horticulture is described, particularly a rotary hoe with an asynchronous rotary current motor for driving a rotatable cultivating tool. The soil cultivation appliance includes a frequency converter for generating a drive voltage of adjustable frequency for the rotary current motor, wherein the frequency converter is connected to a manually operated adjusting device for varying the frequency of the drive voltage. The rotary current motor provides that a nearly constant torque of the rotary current motor is maintained over a broad range of speeds of the motor that can be adjusted by means of the adjusting device. The appliance is a user-friendly soil cultivation appliance that makes it possible to achieve an efficient cultivation of the soil in lower speed ranges. --